

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010096.D
 Acq On : 05 Jun 2019 23:52
 Operator : JC/SP
 Sample : VX0605WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 10:12:06 AM

Quant Time: Jun 06 07:38:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	247292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110248	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	104660	48.02	ug/l	0.00
Spiked Amount						
			Recovery	=	96.04%	
35) Dibromofluoromethane	5.50	113	77129	49.61	ug/l	0.00
Spiked Amount						
			Recovery	=	99.22%	
50) Toluene-d8	8.71	98	314008	49.74	ug/l	0.00
Spiked Amount						
			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	114100	50.32	ug/l	0.00
Spiked Amount						
			Recovery	=	100.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40322	21.387	ug/l	100
3) Chloromethane	1.32	50	47044	18.561	ug/l	99
4) Vinyl Chloride	1.41	62	43566	19.067	ug/l	97
5) Bromomethane	1.64	94	26058	18.823	ug/l	97
6) Chloroethane	1.72	64	26994	19.192	ug/l	94
7) Trichlorofluoromethane	1.93	101	50947	20.178	ug/l	99
8) Diethyl Ether	2.19	74	22124	18.647	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29632	19.439	ug/l	98
10) Methyl Iodide	2.51	142	32041	20.050	ug/l	99
11) Tert butyl alcohol	3.05	59	59709	111.324	ug/l	98
12) 1,1-Dichloroethene	2.37	96	30992	19.835	ug/l	95
13) Acrolein	2.29	56	28307	89.270	ug/l	99
14) Allyl chloride	2.73	41	71962	18.949	ug/l	99
15) Acrylonitrile	3.14	53	124059	95.997	ug/l	99
16) Acetone	2.45	43	110619	87.848	ug/l	99
17) Carbon Disulfide	2.57	76	92050	19.691	ug/l	100
18) Methyl Acetate	2.78	43	56544	19.298	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	117318	19.888	ug/l	99
20) Methylene Chloride	2.85	84	37509	19.452	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	33973	19.541	ug/l	97
22) Diisopropyl ether	3.85	45	142442	19.713	ug/l	98
23) Vinyl Acetate	3.82	43	620333	95.565	ug/l	99
24) 1,1-Dichloroethane	3.70	63	69062	19.722	ug/l	100
25) 2-Butanone	4.67	43	187431	95.539	ug/l	100
26) 2,2-Dichloropropane	4.59	77	41360	15.614	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	38810	19.339	ug/l	96
28) Bromochloromethane	5.02	49	32003	17.612	ug/l	99
29) Tetrahydrofuran	5.13	42	122690	97.524	ug/l	97
30) Chloroform	5.21	83	62767	19.875	ug/l	98
31) Cyclohexane	5.58	56	67512	20.356	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	52612	20.456	ug/l	100
36) 1,1-Dichloropropene	5.80	75	47293	18.849	ug/l	97
37) Ethyl Acetate	4.84	43	70276	20.101	ug/l	98
38) Carbon Tetrachloride	5.79	117	44116	20.347	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59117	19.863	ug/l	98
40) Benzene	6.15	78	149887	20.138	ug/l	99
41) Methacrylonitrile	5.04	41	38333	18.764	ug/l	97
42) 1,2-Dichloroethane	6.20	62	54584	19.837	ug/l	99
43) Isopropyl Acetate	6.45	43	108964	19.316	ug/l	99
44) Trichloroethene	7.21	130	35823	19.814	ug/l	97
45) 1,2-Dichloropropane	7.51	63	42034	19.618	ug/l	98
46) Dibromomethane	7.66	93	24006	19.034	ug/l	96
47) Bromodichloromethane	7.90	83	48128	20.068	ug/l	100
48) Methyl methacrylate	7.77	41	54851	19.642	ug/l	98
49) 1,4-Dioxane	7.74	88	21657	416.934	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	365239	99.532	ug/l	99
52) Toluene	8.79	92	92320	20.429	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53507	18.603	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	58903	18.796	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36575	20.108	ug/l	98
56) Ethyl methacrylate	9.18	69	65550	20.243	ug/l	100
57) 1,3-Dichloropropane	9.37	76	64864	19.857	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	150158	88.431	ug/l	99
59) 2-Hexanone	9.49	43	282798	100.098	ug/l	99
60) Dibromochloromethane	9.58	129	36307	20.292	ug/l	99
61) 1,2-Dibromoethane	9.67	107	37698	20.174	ug/l	100
64) Tetrachloroethene	9.34	164	35414	22.579	ug/l	95
65) Chlorobenzene	10.14	112	93730	19.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33766	20.709	ug/l	99
67) Ethyl Benzene	10.25	91	172930	20.488	ug/l	100
68) m/p-Xylenes	10.36	106	128285	41.140	ug/l	98
69) o-Xylene	10.70	106	62241	20.812	ug/l	99
70) Styrene	10.71	104	107990	20.593	ug/l	100
71) Bromoform	10.85	173	27320	20.498	ug/l #	99
73) Isopropylbenzene	11.02	105	166741	20.498	ug/l	99
74) N-amyl acetate	10.90	43	96200	19.791	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	61314	20.204	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	53214m	20.185	ug/l	
77) Bromobenzene	11.26	156	42164	20.340	ug/l	94
78) n-propylbenzene	11.36	91	188328	20.086	ug/l	100
79) 2-Chlorotoluene	11.42	91	113744	19.856	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	139928	20.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18473	17.336	ug/l	94
82) 4-Chlorotoluene	11.51	91	132062	19.803	ug/l	99
83) tert-Butylbenzene	11.77	119	133125	20.305	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	142185	20.431	ug/l	99
85) sec-Butylbenzene	11.94	105	158674	20.344	ug/l	99
86) p-Isopropyltoluene	12.06	119	144187	20.552	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73478	19.909	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74099	19.687	ug/l	100
89) n-Butylbenzene	12.39	91	127461	19.332	ug/l	100
90) Hexachloroethane	12.60	117	24094	20.012	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	74425	20.454	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13849	19.388	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52312	20.118	ug/l	99
94) Hexachlorobutadiene	13.78	225	25037	19.197	ug/l	99
95) Naphthalene	13.83	128	165946	20.508	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52145	20.034	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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